BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT45312

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/09/2020-21, Date: 12.11.2020

Name of Work:Improvements to Roads and Drains at Muneshwara Nagara, Near Doddamma Devi Temple, Kattigenahalli and surrounding area in Ward No.05

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Umesh N ( )	
				In Figures	In Words
1	1137.7	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification. As per directions of Engineer in charge of the work	Cum	197.22	Rupees One Hundred Ninety Seven and Twenty Two Paise Only
2	273.45	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. As per directions of Engineer in charge of the work	Cum	5233.86	Rupees Five Thousand Two Hundred Thirty Three and Eighty Six Paise Only
3	276.6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm. As per directions of Engineer in charge of the work	Cum	6829.95	Rupees Six Thousand Eight Hundred Twenty Nine and Ninety Five Paise Only
4	18.21	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as per specifications TMT Bars Fe-500. As per directions of Engineer in charge of the work	Tonne	68710.63	Rupees Sixty Eight Thousand Seven Hundred Ten and Sixty Three Paise Only
5	666	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate). As per directions of Engineer in charge of the work	Sqm	2212.0	Rupees Two Thousand Two Hundred Twelve Only
6	22.5	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate). As per directions of Engineer in charge of the work	Sqm	5147.1	Rupees Five Thousand One Hundred Forty Seven and Ten Paise Only

Signature of the contractor

27/01

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate of Umesh N ( )	
				In Figures	In Words
7	979	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. As per directions of Engineer in charge of the work	Sqm	6.04	Rupees Six and Four Paise Only
8	146.85	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum). As per directions of Engineer in charge of the work	Cum	5070.32	Rupees Five Thousand Seventy and Thirty Two Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92